July 2008



#### **DEPARTMENT OF EDUCATION**

2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Comprehensive Assessment System is the State's measure of student progress in achieving the State standards, known as Learning Results, adopted by the Maine Legislature in 1997. The Maine Educational Assessment (MEA) is administered in grades 3 through 8 to meet these state assessment requirements. Since the spring of 2006, the SAT Reasoning Test<sup>TM</sup> (SAT) has been administered to students in their third year of high school in place of the MEA for state and federal purposes. The move from the MEA to the SAT in grade 11 was made to encourage all students in the goal of attaining college and high-level workplace readiness as well as to measure achievement. As last year, the mathematics portion of the SAT Reasoning Test<sup>TM</sup> was augmented with 18 additional mathematics items (the Math-A test) to more fully measure Maine's Learning Results. Additionally, Science and Technology testing resumed this year after a two-year hiatus. The combined tests form the Maine High School Assessment (MHSA).

Because the MHSA Science & Technology achievement level standards had not been revised in 2006 like all other disciplines, it was necessary to revise the standards for that discipline this spring. The new achievement level standards are the result of a comprehensive process informed by Maine teachers and reviewed by advisory committees. The achievement level standards for the 2008 Critical Reading, Writing and Mathematics sections of the MHSA were not changed.

These 2007-2008 Maine High School Assessment Summary Reports contain the results of student performance in critical reading, mathematics, writing, and science & technology reported according to the achievement standards described above and disaggregated by student and school characteristics. This report, together with individual student and subject-specific student roster reports, provides support for use in program evaluation and planning. All scores contained in these reports are included for Maine state and federal reporting purposes only. While scores for most students may also be used for college admission, scores for students who received accommodations during the test administration that exceeded those made available by the College Board are not college reportable.

The state results reflect scores based on SAT, Math-A, and Science & Technology test questions that were taken by over 15,000 students who were enrolled in their third year of high school across all Maine public schools. The MHSA employs a design that requires students to create a written response to a writing prompt, generate answers to open-ended mathematics and science & technology questions, and in all subjects, select answers to multiple-choice questions. More information about the design, history, and use of the SAT can be found at: http://www.maine.gov/education/sat\_initiative/.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the Learning Results and graduate from any Maine high school prepared for college, career, and citizenship.

Sincerely,

Commissioner of Education

Susan A. Lendron Susan A. Gendron



### SAU Report

Test Date: May 2008

1190 ID:

SAU: Yarmouth Schools

#### **Contents of the Report**

The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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Summary of Student Participation	3
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### **SUMMARY OF SCORES**

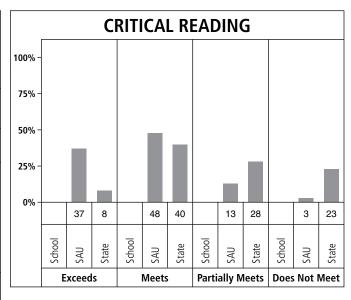
Test Date: May 2008

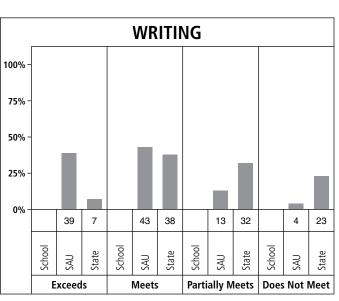
SAU: Yarmouth Schools

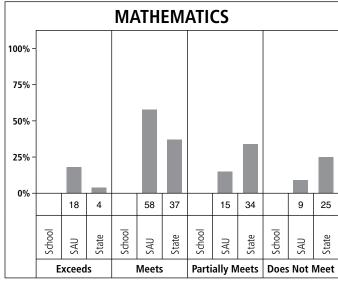
### Summary of School, SAU, and State Scores

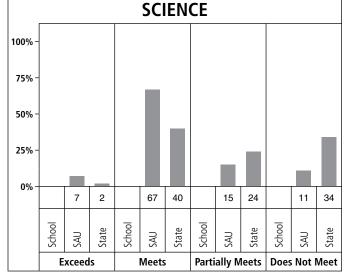
**Average Scaled Score** 

Year		3	
icui	School	SAU	State
Critical Reading 2006–2007 2007–2008		1152 <b>1155</b>	1141 <b>1141</b>
<b>Mathematics</b> 2006–2007 <b>2007–2008</b>		1150 <b>1151</b>	1140 <b>1141</b>
<b>Writing</b> 2006–2007 <b>2007–2008</b>		1156 <b>1155</b>	1141 <b>1140</b>
Science 2007–2008		1148	1141











### **SUMMARY OF STUDENT PARTICIPATION**

Test Date: May 2008

		En	rol	lme	nt¹								CC	TNC	ΈN	ΙT	AR	EΑ	PA	RT	ГІС	IPA	TIC	N	2				
CATEGORY OF	dı	uring	j test	ing v	vindo	w		С	ritical	Read	ing				Mathe	matic	s				Wri	iting					Scie	ence	
PARTICIPATION	Sch	ool	S	AU	S	tate	Sch	nool	S	AU	St	ate	Sch	nool	S	AU	Sta	ate	Scl	nool	S	AU	St	ate	Scl	nool	S	AU	State
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N %
Total number of students			125	100	15604	100			120	96	14875	96			123	98	15165	97			120	96	14869	96			123	98	14961 96
Ethnicity African American/Black			1	1	305	2			0	0	261	86			1	100	286	95			0	0	260	86			1	100	280 93
American Indian or Native Alaskan			1	1	103	1			0	0	95	93			1	100	97	95			0	0	95	93			1	100	93 91
Asian or Pacific Islander			0	0	215	1			0	0	194	90			0	0	202	94			0	0	194	90			0	0	200 93
Hispanic			1	1	140	1			1	100	118	84			1	100	123	88			1	100	118	84			1	100	120 86
Caucasian/White			122	98	14841	95			119	98	14207	96			120	98	14457	98			119	98	14202	96			120	98	14268 96
Not Reported			0	0	0	0			0	0	0	0			0	0	0	0			0	0	0	0			0	0	0 0
Identified disability			14	11	2247	14			11	79	2065	93			12	86	2138	96			11	79	2060	92			12	86	2081 93
Current LEP			0	0	648	4			0	0	508	79			0	0	564	87			0	0	507	78			0	0	534 83
Economically disadvantaged			3	2	4028	26			3	100	3682	92			3	100	3831	95			3	100	3679	92			3	100	3755 94
Migrant			0	0	5	0			0	0	5	100			0	0	5	100			0	0	5	100			0	0	5 100

MODE OF		(	Critical	Read	ing			Math	ematic	s				Wri	iting					Scie	ence		
	5	chool	S	AU	St	ate	School		SAU	Sta	ate	Sch	ool	S	AU	Sta	ate	Scl	nool	S/	AU	St	tate
PARTICIPATION <sup>3</sup>	N	%	N	%	N	%	N %	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Participation without accommodations			110	88	13042	84		113	90	13332	85			110	88	13042	84			113	90	13192	2 8
Identified disability (PET/IEP)			4	4	739	6		5	4	810	6			4	4	739	6			5	4	791	
LEP			0	0	399	3		0	0	456	3			0	0	399	3			0	0	436	
504 plan			0	0	196	2		0	0	204	2			0	0	196	2			0	0	201	
Participation with accommodations			10	8	1623	10		10	8	1624	10			10	8	1625	10			10	8	1567	
Identified disability (PET/IEP)			7	70	1117	69		7	70	1119	69			7	70	1119	69			7	70	1088	
LEP			0	0	93	6		0	0	93	6			0	0	93	6			0	0	83	
504 plan			0	0	58	4		0	0	58	4			0	0	58	4			0	0	55	
Other			3	30	367	23		3	30	366	23			3	30	367	23			3	30	353	1
Participation through alternate assessment (PAAP)			0	0	209	1		0	0	209	1			0	0	202	1			0	0	202	T
Identified disability (PET/IEP)			0	0	209	100		0	0	209	100			0	0	202	100			0	0	202	1
LEP			0	0	15	7		0	0	15	7			0	0	15	7			0	0	15	
504 plan			0	0	0	0		0	0	0	0			0	0	0	0			0	0	0	
Approved non-participation in reading – 1st year LEP			0	0	1	0																	
Approved non-participation – special consideration			0	0	36	0		0	0	40	0			0	0	36	0			0	0	38	
Non-participation – other			5	4	693	4		2	2	399	3			5	4	699	4			2	2	605	

<sup>1</sup> Percents are the percentage of students enrolled in each participation category.3 Percents are the percentage of students in each content area by mode.

### CRITICAL READING RESULTS

Test Date: May 2008

<b>ACHIEVEMENT LEVELS:</b> Achievement level definitions describe the quality of a student on state-level assessments in relation to the reading standards for achieving Maine's <i>Learning</i>		ST	UDENTS A	AT EACH	ACHIEVE	MENT LEV	/EL
Maine state-level assessments measure the knowledge and skills of students by sampling iden	ntified	Sch	nool	SA	ΑU	Sta	ate
standards within reading at the grade level assessed. Evidence includes responses to multiple items in an "on demand" setting.	-choice	N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws in-depth inferences, analyzes texts for subtle clues, synthesizes information across texts, and uses knowledge of text structures and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 1161-1180)	2005-2006 2006-2007 <b>2007-2008</b> Cum. Total*			28 29 <b>44</b> 101	25 24 <b>37</b> 28	1079 1168 <b>1184</b> 3431	7 8 <b>8</b> 8
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to increase comprehension. (scaled score 1141-1160)	2005-2006 2006-2007 <b>2007-2008</b> Cum. Total*			64 65 <b>57</b> 186	56 54 <b>48</b> 52	5697 5714 <b>5885</b> 17296	38 38 <b>40</b> 39
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to use a variety of reasoning skills and prior knowledge varies depending on the texts as s/he draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to support comprehension. (scaled score 1129-1140)	2005-2006 2006-2007 <b>2007-2008</b> Cum. Total*			17 23 <b>15</b> 55	15 19 <b>13</b> 15	4772 4728 <b>4093</b> 13593	32 31 <b>28</b> 30
<b>Does Not Meet the Standards</b> – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often incorrect leaving the impression that the student found it difficult to use a variety of reasoning skills and prior knowledge as s/he draws inferences, identifies summary statements, connects ideas within and across texts, or uses knowledge of text structures and literary devices to support comprehension. (scaled score 1100-1128)	2005-2006 2006-2007 <b>2007-2008</b> Cum. Total*			5 4 <b>4</b> 13	4 3 <b>3</b> 4	3595 3444 <b>3417</b> 10456	24 23 <b>23</b> 23



# CRITICAL READING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008

					Scl	hool							SA	AU					Sta	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students											120	37	48	13	3	1155	14579	8	40	28	23	1141
Ethnicity																						
African American/Black											0						248	4	21	27	48	1132
American Indian or Native Alaskan											0						94	5	27	28	40	1134
Asian or Pacific Islander											0						192	4	35	30	31	1138
Hispanic											1						115	5	32	26	37	1136
Caucasian/White											119	37	48	12	3	1155	13930	8	41	28	23	1141
Not Reported											0						0					
Identified disability																						
Yes											11	0	36	45	18	1136	1823	1	9	24	65	1126
No											109	40	49	9	2	1157	12756	9	45	29	17	1143
Current LEP																						
Yes											0						488	3	22	24	52	1132
No											120	37	48	13	3	1155	14091	8	41	28	22	1141
Economically disadvantaged																						
Yes											3						3545	3	28	30	39	1134
No											117	38	49	10	3	1155	11034	10	44	27	19	1143
Migrant																						
Yes											0						5	20	0	40	40	1136
No											120	37	48	13	3	1155	14574	8	40	28	23	1141
Gender																						
Female											59	20	61	17	2	1151	7237	8	42	30	19	1142
Male											61	52	34	8	5	1158	7342	8	38	26	28	1140
Not Reported											0						0					
Title 1A targeted program																						
Yes											0						103	0	9	30	61	1127
No											120	37	48	13	3	1155	14476	8	41	28	23	1141
Gifted/talented program																						
Yes											0						295	48	48	4	0	1161
No											120	37	48	13	3	1155	14284	7	40	29	24	1140
i															}							

### **MATHEMATICS RESULTS**

Test Date: May 2008

<b>ACHIEVEMENT LEVELS:</b> Achievement level definitions describe the quality of a student on state-level assessments in relation to the mathematics standards for achieving Maine's <i>Lean</i> .	•	STU	JDENTS A	AT EACH A	ACHIEVE	MENT LEV	EL*
Maine state-level assessments measure the knowledge and skills of students by sampling ide		Sch	ool	SA	AU	Sta	ate
standards within mathematics at the grade level assessed. Evidence includes responses to a configuration of multiple-choice items and items requiring student-created responses in an "on demand" see		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult or unfamiliar problems, and apply complex concepts. (scaled score 1161-1180)	2006-2007 <b>2007-2008</b>			13 <b>22</b>	11 <b>18</b>	578 <b>637</b>	4 <b>4</b>
Meets the Standards – The student's work demonstrates an understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to reason, analyze and solve problems, and apply concepts. (scaled score 1141-1160)	2006-2007 <b>2007-2008</b>			85 <b>71</b>	70 <b>58</b>	5481 <b>5508</b>	36 <b>37</b>
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems and apply concepts. (scaled score 1133-1140)	2006-2007 <b>2007-2008</b>			17 19	14 <b>15</b>	4754 <b>5065</b>	31 <b>34</b>
<b>Does Not Meet the Standards</b> – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and apply concepts. (scaled score 1100-1132)	2006-2007 <b>2007-2008</b>			6 11	5 <b>9</b>	4607 <b>3660</b>	30 <b>25</b>



# MATHEMATICS RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008

DEDORTING					Scl	hool							S	ΑU					St	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students											123	18	58	15	9	1151	14870	4	37	34	25	1141
Ethnicity																						
African American/Black											1						274	1	12	31	57	1133
American Indian or Native Alaskan											1						96	2	24	30	44	1136
Asian or Pacific Islander											0						200	8	37	34	22	1142
Hispanic											1						120	3	23	32	43	1138
Caucasian/White											120	18	59	15	8	1151	14180	4	38	34	24	1141
Not Reported											0						0					
Identified disability												_						_				
Yes											12	0	25	33	42	1137	1896	0	8	22	70	1130
No											111	20	61	14	5	1152	12974	5	41	36	18	1142
Current LEP																						
Yes											0						545	3	16	28	53	1135
No											123	18	58	15	9	1151	14325	4	38	34	24	1141
Economically disadvantaged																						
Yes											3						3695	1	22	37	40	1136
No											120	18	58	14	9	1151	11175	5	42	33	19	1142
NO											120	'0	30	'7		1131	11173	3	42	33	13	1142
Migrant														İ	İ							
Yes											0						5	20	20	40	20	1144
No											123	18	58	15	9	1151	14865	4	37	34	25	1141
Gender																						
Female											60	8	58	25	8	1147	7362	3	36	36	24	1140
Male											63	27	57	6	10	1154	7508	5	38	32	25	1141
Not Reported											0		0,	*		'''	0		00	02		
•											ľ						ľ					
Title 1A targeted program																						
Yes											0						103	0	8	41	51	1134
No											123	18	58	15	9	1151	14767	4	37	34	24	1141
Gifted/talented program																						
Yes											0						296	35	59	5	0	1158
No											123	18	58	15	9	1151	14574	4	37	35	25	1140
													50	"					j.,	50		

### **WRITING RESULTS**

Test Date: May 2008

<b>ACHIEVEMENT LEVELS:</b> Achievement level definitions describe the quality of a student on state-level assessments in relation to the writing standards for achieving Maine's <i>Learning</i>	•	STI	JDENTS A	AT EACH /	ACHIEVE	MENT LEV	ÆL.
Maine state-level assessments measure the knowledge and skills of students by sampling ider		Sch	ool	SA	AU	Sta	ate
standards within writing at the grade level assessed. Evidence includes responses to a combir multiple-choice items and items requiring student-created responses in an "on demand" setting		N	%	N	%	N	%
Exceeds the Standards – The student's responses demonstrate skillful ability to select clear, precise sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity, precision and overall effectiveness of a passage. The student's essay demonstrates an effectively developed and insightful point of view on the issue and outstanding critical thinking, with clearly appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 1161-1180)	2005-2006 2006-2007 <b>2007-2008</b> Cum. Total*			35 36 <b>47</b> 118	31 30 <b>39</b> 33	952 937 <b>962</b> 2851	6 6 <b>7</b> 6
Meets the Standards – The student's responses demonstrate ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates an effectively developed point of view on the issue and strong critical thinking, with generally appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and focused, demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 1141-1160)	2005-2006 2006-2007 <b>2007-2008</b> Cum. Total*			65 70 <b>52</b> 187	57 58 <b>43</b> 53	6055 6167 <b>5564</b> 17786	40 41 <b>38</b> 40
Partially Meets the Standards – The student's responses demonstrate inconsistent ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a developed point of view on the issue and some critical thinking, but may do so inconsistently or with inadequate examples, reasons, or other evidence to support a position. The essay is generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 1129-1140)	2005-2006 2006-2007 <b>2007-2008</b> Cum. Total*			12 13 <b>16</b> 41	11 11 <b>13</b> 12	4916 4723 <b>4679</b> 14318	32 31 <b>32</b> 32
Does Not Meet the Standards – The student's responses demonstrate limited ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a vague or seriously limited point of view on the issues and weak critical thinking, with inappropriate or insufficient examples, reasons, or other evidence to support a position. The essay is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interfere with understanding the message of the essay. (scaled score 1100-1128)	2005-2006 2006-2007 <b>2007-2008</b> Cum. Total*			2 2 <b>5</b> 9	2 2 <b>4</b> 3	3221 3227 <b>3376</b> 9824	21 21 <b>23</b> 22



# WRITING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008

SAU: Yarmouth Schools

DEDODTING					Sch	nool							SA	AU .					St	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students											120	39	43	13	4	1155	14581	7	38	32	23	1140
Ethnicity																						
African American/Black											0						248	2	19	30	49	1131
American Indian or Native Alaskan											0			-			94	3	19	38	39	1133
Asian or Pacific Islander											0						192	6	30	34	30	1137
Hispanic											1				-		115	2	30	36	33	1136
Caucasian/White											119	39	44	13	4	1156	13932	7	39	32	22	1140
Not Reported											0						0					
Identified disability																						
Yes											11	0	27	55	18	1136	1825	1	7	23	69	1125
No											109	43	45	9	3	1157	12756	7	43	33	17	1142
Current LEP																						
Yes											0						488	3	19	29	49	1131
No											120	39	43	13	4	1155	14093	7	39	32	22	1140
Economically disadvantaged																						
Yes											3						3546	2	25	35	38	1134
No											117	40	44	11	4	1156	11035	8	42	31	18	1142
																			-			
Migrant																						
Yes											0						5	20	0	20	60	1131
No											120	39	43	13	4	1155	14576	7	38	32	23	1140
Gender																						
Female											59	31	51	17	2	1154	7239	8	43	33	17	1142
Male											61	48	36	10	7	1157	7342	6	34	31	30	1138
Not Reported											0						0					
Title 1A targeted program																						
Yes											0						103	0	7	39	54	1128
No											120	39	43	13	4	1155	14478	7	38	32	23	1140
Gifted/talented program																						
Yes											0						295	42	53	4	0	1159
No											120	39	43	13	4	1155	14286	6	38	33	24	1139
110											'			"		1100	11200					
														İ						-	İ	

 $\mathbf{N} = \text{Number}$ 

#### **SCIENCE RESULTS**

Test Date: May 2008

SAU: Yarmouth Schools

**ACHIEVEMENT LEVELS:** Achievement level definitions describe the quality of a student's responses STUDENTS AT EACH ACHIEVEMENT LEVEL\* on state-level assessments in relation to the science standards for achieving Maine's Learning Results. Maine state-level assessments measure the knowledge and skills of students by sampling identified SAU State School standards within science at the grade level assessed. Evidence includes responses to a combination of Ν % Ν % Ν % multiple-choice items and items requiring student-created responses in an "on demand" setting. Exceeds the Standards - The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes 2007-2008 8 7 300 2 of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 1161-1180) Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central 83 67 5927 40 2007-2008 concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 1141-1160) Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate 2007-2008 18 15 3544 24 some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 1135-1140) Does Not Meet the Standards - The student's work demonstrates limited understanding of essential concepts

	1	nber	Avera	ge Point	s Attaine	d (Numbe	er and Pe	rcent)
Learning Results Content Standard Clusters		oints sible	Sch	ool	SA	<b>AU</b>	Sta	ate
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	15	27			8.38	55.9	6.41	42.7
Cluster 2: Physical Sciences	14	25			9.07	64.8	6.22	44.4
Cluster 3: Earth and Space Sciences	14	25			6.97	49.8	5.04	36.0
Cluster 4: Nature and Implications of Science	13	23			8.74	67.2	6.59	50.7

in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate

minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and

explanations are illogical, incomplete, or missing. (scaled score 1100-1134)

Cluster 1: Life Sciences

2007-2008

A. Classifying Life Forms

14

11

4988

Each content standard in the

clusters shown is defined

in Maine's 1997 *Learning Results*, which are the basis

for science and technology

Grade Span Expectations.

expectation, which can be

found at http://www.maine.

gov/education/lsalt/gles.

Each item on the MHSA

measures a grade span

34

B. Ecology

C. Cells

**Cluster 2: Physical Sciences** 

E. Structure of Matter

H. Energy

I. Motion

**Cluster 3: Earth and Space Sciences** 

D. Continuity and Change

F. The Earth

G. The Universe

Cluster 4: Nature and Implications of Science

J. Inquiry and Problem Solving K. Scientific Reasoning

K. Scientific Reasoning

L. Communication

M. Implications of Science & Technology

<sup>\*</sup>Because science testing at the high school level resumed in 2008 after a two-year hiatus and new achievement level standards were set for the MHSA science test, historical data are not available.



### **SCIENCE RESULTS** BY REPORTING SUBGROUPS

Test Date: May 2008

Yarmouth Schools SAU:

Tested N	N	E											U <i>P</i>								
N	N			М		P		D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score
		%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
										123	7	67	15	11	1148	14759	2	40	24	34	1141
										1						269	0	20	14	65	1134
										1						92	1	24	28	47	1138
										0						199	3	36	25	36	1140
										1						118	1	26	19	54	1136
										120	7	69	14	10	1148	14081	2	41	24	33	1141
										0						0					
										12	0	33	8	58	1138	1879	0	11	17	72	1133
										111	7	71	15	6	1149	12880	2	44	25	28	1142
										0						519	1	18	19	62	1134
										123	7	67	15	11	1148	14240	2	41	24	33	1141
										3						3651	1	26	24	49	1137
										120	7	68	14	11	1148	11108	3	45	24	29	1142
										0						5	20	40	40	0	1146
										123	7	67	15	11	1148	14754	2	40	24	34	1141
										60	3	60	22	15	1146	7277	1	37	26	36	1140
										63	10	75	8	8	1150	7482	3	43	22	32	1141
										0						0					
										0						100	1	5	22	72	1133
										123	7	67	15	11	1148	14659	2	40	24	34	1141
										0		İ				296	13	80	5	3	1152
										123	7	67	15	11	1148	14463	2	39	24	34	1140
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